



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

Date: April 5, 2004

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STEPHEN L. HAHN

Serial No. : 10/797,845
Filed : March 9, 2004
For : SYSTEM AND METHOD FOR CONTROLLING CATALYST
STORAGE CAPACITY

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

S i r :

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) 3 pages of PTO-1449 forms, and (2) a legible copy of each foreign and

non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed either (1) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), or (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

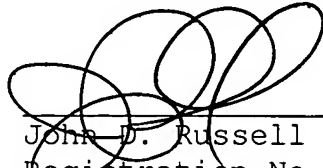
CERTIFICATE OF MAILING

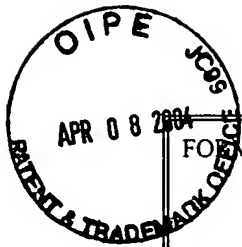
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on April 5, 2004.


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FORM PTO-1449

INFORMATION DISCLOSURE
CITATION IN AN APPLICATIONDOCKET NUMBER
338CON2APPLICATION NUMBER
10/797,845APPLICANT(S)
Donald J. Lewis et alFILING DATE
March 9, 2004

GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,274,559	12-28-93	Takahashi et al			
	5,325,664	7-5-94	Seki et al			
	5,509,267	4-23-96	Thesis			
	5,595,060	1-21-97	Togai et al			
	5,609,023	3-11-97	Katoh et al			
	5,610,844	3-11-97	Maus et al			
	5,625,750	4-29-97	Puskorius et al			
	5,626,014	5-6-97	Hepburn et al			
	5,649,420	7-22-97	Mukahira et al			
	5,678,402	10-21-97	Kitigawa et al			
	5,732,551	3-31-98	Katoh et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	0733787	9-25-96	EP				
	0831226	3-25-98	EP				
	2344771	6-21-00	GB				

OTHER DOCUMENTS

	SAE 1999-01-3476, "A Simplified Approach to Modeling Exhaust System Emissions: SIMTWC", Laing et al
	JAMES C. PEYTON et al; A Simplified Model for the Dynamics of a Three-Way Catalytic Converter; Reprinted from: Exhaust Aftertreatment Modeling and Gasoline Direct Injection Aftertreatment (SP-1533) SAE International Technical Paper Series, Warrendale, Pennsylvania, USA
	SAE 800052 Air-Fuel Control to reduce emissions, II. Engine-catalyst characterization under cyclic conditions; Wei-Ming Wang; Congress and Exposition, Cobo Hall, Detroit, MI, 2/25-29, 1980

EXAMINER

DATE CONSIDERED

FORM PTO-1449		DOCKET NUMBER 338CON2		APPLICATION NUMBER 10/797,845		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S) Donald J. Lewis et al				
		FILING DATE March 9, 2004		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,784,880	7-28-98	Toshiro et al			
	5,842,339	12-1-98	Bush et al			
	5,842,340	12-1-98	Bush et al			
	5,848,528	12-15-98	Liu			
	5,857,163	1-5-99	Trombley et al			
	5,881,552	3-16-99	Iwata et al			
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	6,032,461	3-7-00	Kinugasa et al			
	6,052,989	4-25-00	McCabe et al			
	6,057,605	5-2-00	Bourne et al			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	1061245	12-2-00	EP			
	2356160	5-16-01	GB			
	1128042	8-29-01	EP			
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EXAMINER			DATE CONSIDERED			

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	6,155,242	12-5-00	Kotwicki et al				
	6,170,475	1-9-01	Lewis et al				
	6,226,982	5-8-01	Poggio et al				
	2001/0013221	8-16-01	Suzuki et al				
	6,289,673	9-18-01	Tayama et al				
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	6,481,201	11-19-02	Kako et al				
	6,502,389	1-7-03	Katayama et al				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	1253309	10-30-02	EP				
OTHER DOCUMENTS							
EXAMINER				DATE CONSIDERED			